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Dkt No. 2251/75191/JPW/BJA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Stan Gronthos et al.  
Serial No. : 10/551,326  
Filed : March 30, 2006  
Title : PERIVASCULAR MESENCHYMAL PRECURSOR CELL INDUCED  
BLOOD VESSEL FORMATION

1185 Avenue of the Americas  
New York, New York 10036  
August 7, 2007

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure under 37 C.F.R. §1.56, applicants direct the Examiner's attention to the following items, which are listed on the Substitute Form PTO-1449 attached hereto as **Exhibit A**. Item 1 is a related U.S. Patent Application Publication. No copy of this item is attached hereto as permitted by 37 C.F.R. §1.98(a)(2)(ii). Copies of the items 2-12 are attached hereto as **Exhibits 1-11**, respectively.

1. U.S. Patent Application Publication No. 2007-0065938 A1, published March 22, 2007;
2. PCT International Application No. WO 00/06701, published February 10, 2000; (**Exhibit 1**).

Applicants: Stan Gronthos et al.  
Serial No.: 10/551,326  
Filed: March 30, 2006  
Page 2

3. PCT International Application No. WO 02/007679, published January 31, 2002; (**Exhibit 2**).
4. Shi S et al: "Perivascular niche of postnatal mesenchymal stem cells in human bone marrow and dental pulp." Journal of Bone and Mineral Research, vol. 17, no. Suppl 1, September 2002 (2002-09), page S446, XP009083412 & Twenty-Fourth Annual meeting of the American Society for Bone and Mineral Research; San Antonio, Texas, USA; September 20-24, 2002; (**Exhibit 3**)
5. Tse H F et al: "Angiogenesis in ischaemic myocardium by intramyocardial autologous bone marrow mononuclear cell implantation." Lancet The, Lancet Limited, London, GB, vol. 361, no. 9351, 4 January 2003 (2003-01-04), pages 47-49; (**Exhibit 4**)
6. Jones Elena A et al: "Isolation and characterization of bone marrow multipotential mesenchymal progenitor cells." Arthritis and Rheumatism Dec 2002, vol. 46, no. 12, December 2002 (2002-12); (**Exhibit 5**)
7. Gronthos S et al: "Postnatal human dental pulp stem cells (DPSCs) in vitro and in vivo." Proceedings of the National Academy of Sciences of USA, National Academy of Science, Washington, DC, US, vol. 97, no. 25, 5 December 2000 (2000-12-05), pages 13625-13630; (**Exhibit 6**)
8. Shi S et al: "Comparison of human dental pulp and bone marrow stromal stem cells by cDNA microarray analysis."

Applicants: Stan Gronthos et al.  
Serial No.: 10/551,326  
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Page 3

Bone, Pergamon Press., Oxford, GB, vol. 29, no. 6, December 2001 (2001-12), pages 532-539; **(Exhibit 7)**

9. Gronthos Stan et al: "Molecular and cellular characterization of highly purified stromal stem cells derived from human bone marrow." Journal of Cell Science, vol. 116, no. 9, 1 May 2003 (2003-05-01), pages 1827-1835; **(Exhibit 8)**
10. Shi S et al: "Perivascular niche of postnatal mesenchymal stem cells in human bone marrow and dental pulp." Journal of Bone and Mineral Research, New York, NY, US, vol. 18, no. 4, April 2003 (2003-04), page 696-704; **(Exhibit 9)**
11. Supplementary European Search Report from European Patent Office, Application No. EP 04 72 3937, 25 May 2007; **(Exhibit 10)** and
12. Supplementary European Search Report from European Patent Office, Application No. EP 04 72 3935, 10 May 2007; **(Exhibit 11)**

Items 2 and 4-9 were cited in a Supplemental European Search Report in connection with corresponding European Application No. 04723937.1, a copy of which is attached hereto as Exhibit 10.

Items 3-4 and 6-10 were cited in a Supplemental European Search Report in connection with corresponding European Application No. 04723935.5, a copy of which is attached hereto as Exhibit 11.

Applicants: Stan Gronthos et al.  
Serial No.: 10/551,326  
Filed: March 30, 2006  
Page 4

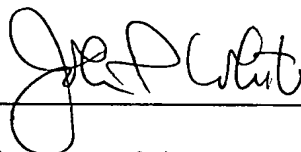
This Supplemental Information Disclosure Statement is being submitted pursuant to 37 C.F.R. §1.97(b)(3) and no fee is deemed necessary.

Applicants request that the Examiner review the references and make them of record in the subject application.

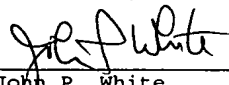
If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorneys invite the Examiner to telephone them at the number provided below.

No fee is deemed necessary in connection with the filing of this Supplemental Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,



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of

Application Number	10/551,326
Filing Date	March 30, 2006
First Named Inventor	Stan Gronthos
Art Unit	
Examiner Name	
Attorney Docket Number	2251/75191

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	1	WO 00/06701	2/10/2000	GENZYME CORP [US]		
	2	WO 02/007679	1/31/2002	US HEALTH [US]		

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

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Exhibit A

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